

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E80457

**Participation :** CTR

**Employer :** Port of Seattle

**Status :** Affected

**Worksite :** SeaTac International Airport

**Survey Type :** Online

**Street :** 17800 International Blvd S

**Response Rate :** 65%

**Jurisdiction :** City of SeaTac

**Survey Date :** 6/16/2017

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 19.0%

**Drive Alone Rate :** 81.0%

**One-Way VMT per employee :** 18.3

**Average One-Way distance home to work :** 21.5

### Employees and Survey Response Information

**Reported Total Employees at Worksite :** 1,170

**Surveys Distributed :** 1,170

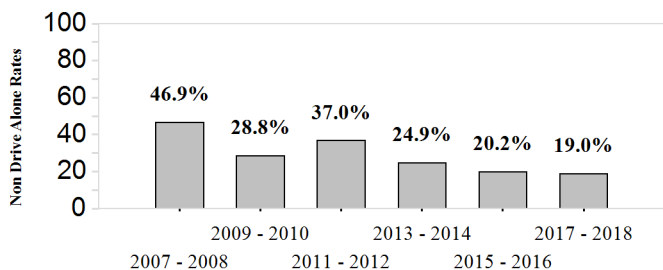
**Surveys Returned :** 764

**Surveys Returned by CTR Affected\* Employees :** 558

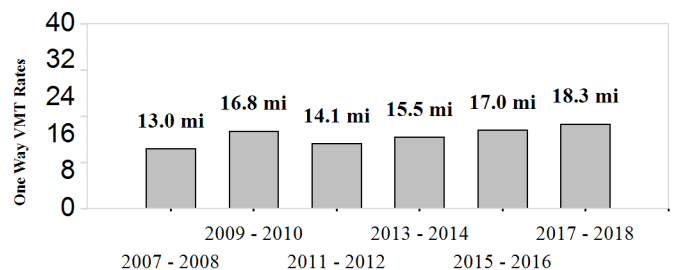
**Total Estimated CTR Affected Employees at Worksite :** 855

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

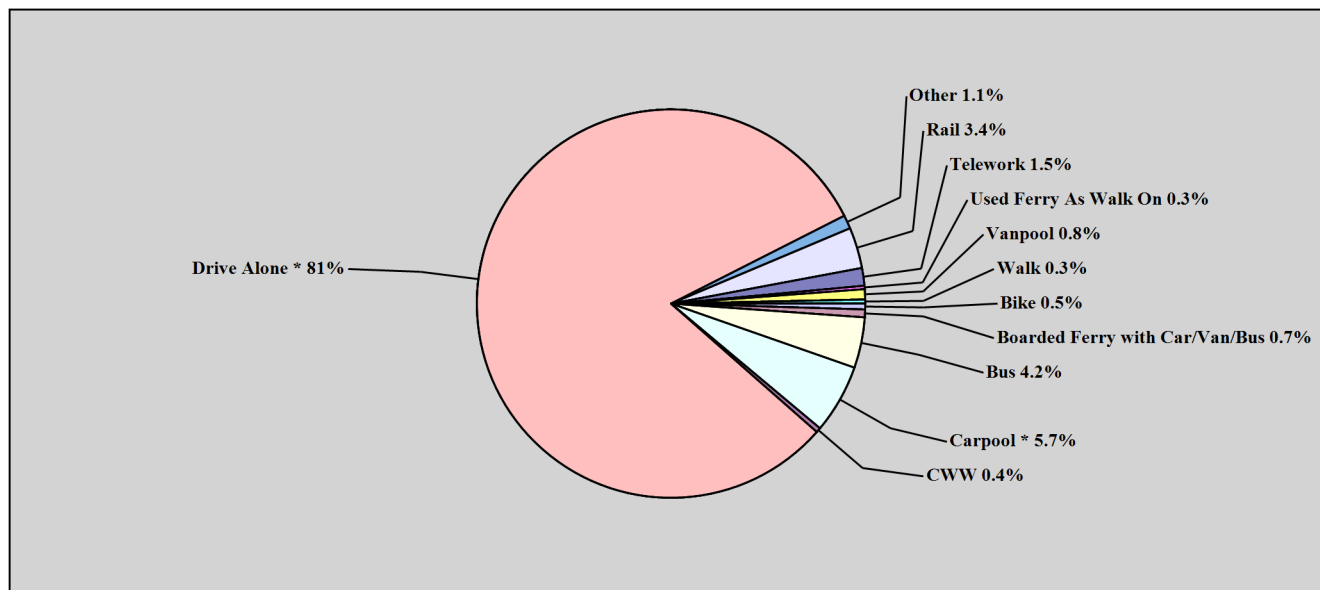
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	46.9%	47.1%	655	2194	16.5	13.0	13.0
2009 - 2010	28.8%	32.0%	2308	2518	19.0	16.8	15.7
2011 - 2012	37.0%	38.2%	937	2120	16.0	14.1	13.7
2013 - 2014	24.9%	25.0%	943	2470	18.6	15.5	15.5
2015 - 2016	20.2%	21.0%	2039	2533	19.1	17.0	16.5
2017 - 2018	19.0%	20.1%	2869	4393	33.1	18.3	17.3
Target	34.9%				Target:	11.9	
% Point Change Target:	-12.0				% Change Target:	-8.5%	
% Point Change from Baseline:	-27.9				% Change from Baseline:	40.8%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



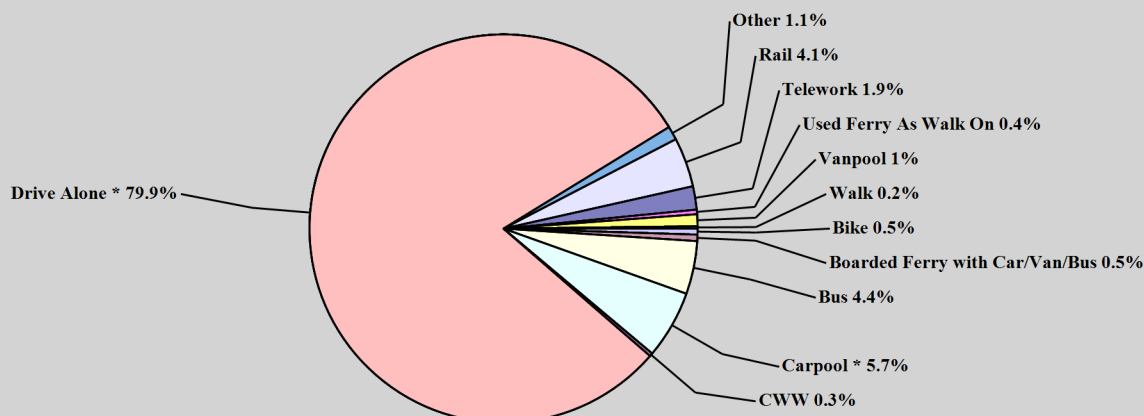
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,863	81.0%	79.7%	665	87.0%	85.6%
Carpool *	203	5.7%	5.6%	63	8.2%	8.0%
Vanpool	30	0.8%	0.7%	7	0.9%	0.8%
Bus	149	4.2%	4.9%	43	5.6%	6.7%
Rail	120	3.4%	3.6%	31	4.1%	4.9%
Bike	17	0.5%	0.5%	9	1.2%	0.8%
Walk	12	0.3%	0.1%	3	0.4%	0.3%
Telework	52	1.5%	0.3%	32	4.2%	1.5%
CWW	14	0.4%	1.9%	11	1.4%	6.8%
Boarded Ferry with Car/Van/Bus	23	0.7%	0.3%	6	0.8%	0.5%
Used Ferry As Walk On	10	0.3%	0.5%	2	0.3%	0.5%
Other	40	1.1%	1.9%	14	1.8%	2.3%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,097	79.9%	79.0%	484	86.7%	85.4%
Carpool *	149	5.7%	6.1%	47	8.4%	8.9%
Vanpool	26	1.0%	0.9%	6	1.1%	1.0%
Bus	116	4.4%	4.9%	34	6.1%	7.2%
Rail	108	4.1%	4.1%	28	5.0%	5.8%
Bike	13	0.5%	0.4%	7	1.3%	0.8%
Walk	5	0.2%	0.0%	1	0.2%	0.0%
Telework	51	1.9%	0.4%	31	5.6%	1.9%
CWW	7	0.3%	1.9%	7	1.3%	7.2%
Boarded Ferry with Car/Van/Bus	14	0.5%	0.4%	3	0.5%	0.6%
Used Ferry As Walk On	10	0.4%	0.6%	2	0.4%	0.6%
Other	30	1.1%	1.4%	11	2.0%	2.1%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	568	74%	764	100%
<b>1 Days</b>	38	5%	196	26%
<b>2 Days</b>	24	3%	158	21%
<b>3 Days</b>	25	3%	134	18%
<b>4 Days</b>	41	5%	109	14%
<b>5 Days</b>	64	8%	68	9%
<b>6 or More Days</b>	4	1%	4	1%

**Count by Occupancy of Carpools and Vanpools**

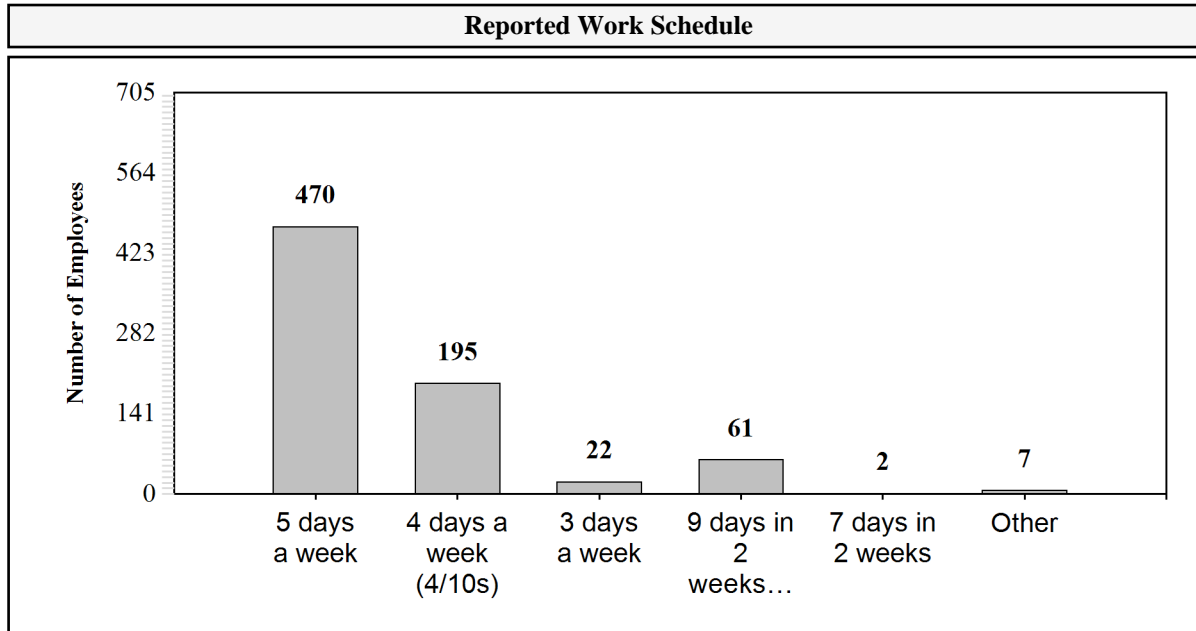
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	186
<b>3</b>	Carpool	12
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	5
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	8
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	5
<b>8</b>	Vanpool	4
<b>9</b>	Vanpool	9
<b>10</b>	Vanpool	4
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

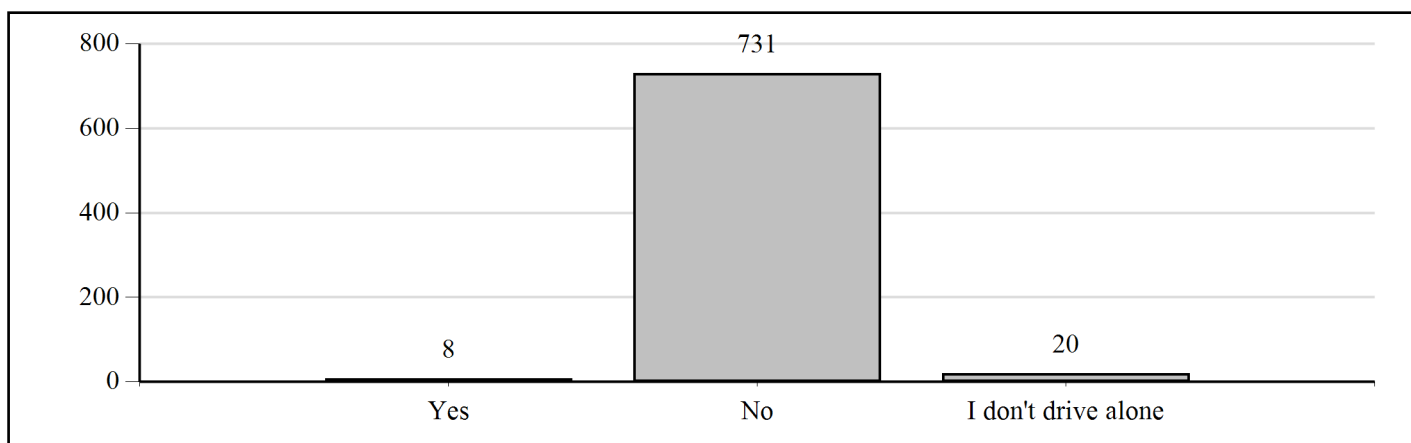
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	470	62.1%
4 days a week (4/10s)	195	25.8%
3 days a week	22	2.9%
9 days in 2 weeks (9/80)	61	8.1%
7 days in 2 weeks	2	0.3%
Other	7	0.9%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	4	0.5%
I don't telework	554	72.5%
Occasionally, on an as-needed basis	153	20.0%
1-2 days/month	22	2.9%
1 day/week	14	1.8%
2 days/week	10	1.3%
3 days/week	7	0.9%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	207	15.3%
Free or subsidized bus, train, vanpool pass or fare benefit	201	14.9%
Other	171	12.7%
To save time using the HOV lane	162	12.0%
Environmental and community benefits	141	10.4%
Personal health or well-being	123	9.1%
I have the option of teleworking	101	7.5%
Financial incentives for carpooling, bicycling or walking.	83	6.1%
Driving myself is not an option	56	4.1%
Emergency ride home is provided	40	3.0%
Cost of parking or lack of parking	30	2.2%
Preferred/reserved carpool/vanpool parking is provided	26	1.9%
I receive a financial incentive for giving up my parking space	9	0.7%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	505	28.0%
I like the convenience of having my car	431	23.9%
Family care or similar obligations	293	16.3%
Other	210	11.7%
My commute distance is too short	150	8.3%
Bicycling or walking isn't safe	98	5.4%
My job requires me to use my car for work	59	3.3%
I need more information on alternative modes	50	2.8%
There isn't any secure or covered bicycle parking	6	0.3%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98198	34	4.45%	127	9	0	9	6	0	1	5	3	0	0	0	4
98023	31	4.06%	118	6	0	5	12	0	0	0	1	1	0	0	0
98003	24	3.14%	93	1	0	0	8	0	0	0	5	0	0	0	2
98042	22	2.88%	100	1	0	0	0	0	0	0	0	1	0	0	0
98391	22	2.88%	91	0	0	0	0	1	0	0	7	0	0	0	0
98001	21	2.75%	89	0	0	1	0	0	0	0	0	0	0	0	1
98092	19	2.49%	74	0	0	0	3	10	0	0	0	1	0	0	5
98038	18	2.36%	75	0	0	4	0	0	0	0	1	0	0	0	0
98188	18	2.36%	65	0	0	3	4	0	2	6	0	1	0	0	0
98422	18	2.36%	68	5	0	5	3	0	0	0	6	1	0	0	0
98059	16	2.09%	62	10	0	0	0	0	0	0	5	0	0	0	1
98166	16	2.09%	70	0	0	1	5	0	0	0	0	0	0	0	0
98031	15	1.96%	67	4	0	0	0	0	0	0	0	0	0	0	0
98058	14	1.83%	59	2	0	0	0	0	0	0	0	0	0	0	0
98116	13	1.70%	50	0	0	0	5	0	0	1	0	4	1	0	5
98371	13	1.70%	35	0	0	0	12	13	0	0	3	0	0	0	0
98146	12	1.57%	43	1	0	0	4	1	1	0	0	0	0	0	0
98375	11	1.44%	31	5	0	0	0	9	0	0	0	0	6	0	0
98032	9	1.18%	28	5	0	0	3	0	3	0	0	0	0	0	1
98103	9	1.18%	32	7	0	0	0	8	0	0	0	0	0	0	0
98115	9	1.18%	32	5	0	0	0	0	0	0	0	0	0	0	5
98373	9	1.18%	35	8	0	1	0	0	0	0	1	0	0	0	0
98002	8	1.05%	34	1	0	0	0	0	0	0	0	0	0	0	0
98030	8	1.05%	36	0	0	0	0	0	0	0	0	1	0	0	0
98372	8	1.05%	31	0	0	2	0	5	0	0	0	0	0	0	0
98374	8	1.05%	29	0	0	2	3	5	0	0	0	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98466	8	1.05%	32	0	0	0	5	0	0	0	0	0	0	0	0
98055	7	0.92%	33	0	0	0	0	0	0	0	0	0	0	0	0
98106	7	0.92%	33	0	0	0	0	0	0	0	0	0	0	0	0
98117	7	0.92%	20	5	0	0	5	4	0	0	0	0	0	0	0
98332	7	0.92%	21	0	4	4	0	0	0	0	0	0	0	0	0
98387	7	0.92%	27	0	0	0	4	0	0	0	0	0	0	0	0
98022	6	0.79%	18	8	0	0	0	0	0	0	0	0	0	0	0
98034	6	0.79%	19	0	0	3	5	0	0	0	1	0	0	0	0
98036	6	0.79%	7	16	4	0	0	0	0	0	0	0	0	0	0
98178	6	0.79%	18	2	0	0	0	0	0	0	0	0	0	0	4
98354	6	0.79%	28	0	0	0	0	0	0	0	1	0	0	0	0
98407	6	0.79%	28	0	0	0	1	0	0	0	1	0	0	0	0
98499	6	0.79%	22	3	0	0	7	0	0	0	0	0	0	0	0
	5	0.65%	18	0	0	3	0	0	0	0	0	0	0	0	0
98006	5	0.65%	14	2	0	7	0	0	0	0	3	0	0	0	1
98026	5	0.65%	24	0	0	0	0	0	0	0	0	0	0	0	0
98056	5	0.65%	19	5	0	0	0	0	0	0	0	0	0	0	0
98074	5	0.65%	21	0	0	0	0	0	0	0	0	0	0	0	0
98112	5	0.65%	19	1	0	0	5	0	0	0	1	0	0	0	0
98118	5	0.65%	15	0	0	0	0	5	0	0	0	0	0	0	4
98126	5	0.65%	19	0	0	0	4	0	0	0	0	0	0	0	0
98136	5	0.65%	10	2	0	1	5	0	0	0	0	0	0	0	4
98144	5	0.65%	10	0	0	0	0	10	0	0	0	0	0	0	1
98155	5	0.65%	23	0	0	0	0	0	0	0	0	0	0	0	0
98168	5	0.65%	19	0	0	0	0	0	0	0	0	0	0	0	0
98321	5	0.65%	23	0	0	0	0	0	0	0	1	0	0	0	0
98335	5	0.65%	19	2	0	0	0	0	5	0	0	0	0	0	0
98338	5	0.65%	23	0	0	0	0	0	0	0	0	0	0	0	0
98408	5	0.65%	15	5	0	0	2	0	1	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98424	5	0.65%	21	2	0	0	2	0	0	0	0	0	0	0	0
98443	5	0.65%	17	0	0	0	4	0	0	0	0	0	0	0	0
98444	5	0.65%	7	0	0	2	14	0	0	0	0	0	0	0	0
98052	4	0.52%	19	4	0	0	0	0	0	0	1	0	0	0	0
98057	4	0.52%	10	0	0	0	3	0	0	0	0	0	0	0	0
98122	4	0.52%	12	2	0	0	0	5	0	0	0	0	0	0	0
98148	4	0.52%	20	0	0	0	0	0	0	0	0	0	0	0	0
98199	4	0.52%	19	0	0	0	0	0	0	0	1	0	0	0	0
98366	4	0.52%	8	0	0	0	0	0	0	0	1	0	5	6	0
98404	4	0.52%	12	2	0	0	0	0	0	0	0	0	0	0	2
98446	4	0.52%	14	0	0	1	0	0	0	0	0	0	0	0	0
98498	4	0.52%	14	0	0	0	0	0	0	0	0	1	0	0	0
98005	3	0.39%	13	0	0	0	0	0	1	0	0	0	0	0	0
98008	3	0.39%	14	0	0	0	0	0	0	0	0	0	0	0	0
98011	3	0.39%	2	5	0	0	5	0	0	0	0	0	0	0	0
98012	3	0.39%	12	0	4	0	0	0	0	0	0	0	0	0	0
98027	3	0.39%	12	0	0	0	0	0	2	0	0	0	0	0	0
98028	3	0.39%	5	9	0	0	0	0	0	0	0	0	0	0	0
98065	3	0.39%	14	0	0	0	0	0	0	0	0	0	0	0	0
98070	3	0.39%	0	0	0	0	0	0	0	0	0	1	8	4	0
98072	3	0.39%	14	0	0	0	0	0	0	0	0	0	0	0	0
98109	3	0.39%	9	0	0	0	0	5	0	0	0	1	0	0	0
98125	3	0.39%	8	4	0	0	0	1	0	0	0	0	0	0	0
98133	3	0.39%	8	4	0	0	0	1	0	0	0	0	0	0	0
98208	3	0.39%	16	0	0	0	0	0	0	0	0	0	0	0	0
98272	3	0.39%	15	0	0	0	0	0	0	0	0	0	0	0	0
98290	3	0.39%	9	4	0	0	0	0	0	0	0	0	0	0	0
98360	3	0.39%	8	0	0	0	0	5	0	0	0	0	0	0	0
98367	3	0.39%	10	0	0	4	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98388	3	0.39%	11	0	0	0	3	0	0	0	0	0	0	0	0
98405	3	0.39%	8	2	0	0	6	0	0	0	0	0	0	0	0
98512	3	0.39%	14	0	0	0	0	0	0	0	0	0	0	0	0
98020	2	0.26%	0	1	4	0	0	0	0	0	1	0	0	0	0
98024	2	0.26%	9	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	0.26%	9	0	0	0	0	0	0	0	0	0	0	0	0
98033	2	0.26%	6	5	0	0	0	0	0	0	0	0	0	0	0
98037	2	0.26%	4	0	4	0	0	0	0	0	1	0	0	0	0
98040	2	0.26%	4	0	0	0	0	4	0	0	0	1	0	0	0
98047	2	0.26%	7	2	0	0	0	0	0	0	0	0	0	0	0
98053	2	0.26%	5	5	0	0	0	0	0	0	0	0	0	0	0
98102	2	0.26%	1	0	0	0	0	8	0	0	0	0	0	0	0
98110	2	0.26%	0	0	0	0	0	10	0	0	0	0	0	0	0
98119	2	0.26%	8	0	0	0	1	0	1	0	0	0	0	0	0
98177	2	0.26%	4	0	5	0	0	0	0	0	0	0	0	0	0
98258	2	0.26%	6	2	0	0	0	0	0	0	0	0	0	0	0
98296	2	0.26%	1	8	0	0	0	0	0	0	0	0	0	0	0
98312	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
98359	2	0.26%	4	0	0	0	0	0	0	0	0	0	0	0	0
98406	2	0.26%	7	0	0	0	0	0	0	0	0	0	0	0	0
98004	1	0.13%	0	0	0	0	0	5	0	0	0	0	0	0	0
98007	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98018	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98019	1	0.13%	0	4	0	0	0	0	0	0	0	0	0	0	0
98021	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98075	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98087	1	0.13%	7	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.13%	1	0	0	0	0	0	0	0	0	0	0	0	0
98105	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98107	1	0.13%	3	0	0	0	0	0	0	0	2	0	0	0	0
98108	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98121	1	0.13%	0	5	0	0	0	0	0	0	0	0	0	0	0
98127	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98186	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.13%	0	0	5	0	0	0	0	0	0	0	0	0	0
98204	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.13%	0	4	0	0	0	0	0	0	0	0	0	0	0
98236	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98270	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98271	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98294	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98303	1	0.13%	3	0	0	0	0	0	0	0	2	0	0	0	0
98328	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98329	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98333	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98342	1	0.13%	0	0	0	6	0	0	0	0	0	0	0	0	0
98362	1	0.13%	3	0	0	0	0	0	0	0	0	0	0	0	0
98370	1	0.13%	2	0	0	0	0	0	0	0	0	0	3	0	0
98390	1	0.13%	0	0	0	0	0	5	0	0	0	0	0	0	0
98394	1	0.13%	0	4	0	0	0	0	0	0	0	0	0	0	0
98402	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98409	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.13%	1	3	0	0	0	0	0	0	0	0	0	0	0
98467	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98513	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98522	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98546	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98569	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98579	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98580	1	0.13%	3	0	0	0	0	0	0	0	2	0	0	0	0
98584	1	0.13%	2	0	0	0	0	0	0	0	0	0	0	0	0
98597	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
98837	1	0.13%	4	0	0	0	0	0	0	0	1	0	0	0	0
98922	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0